CALIFORNIA ENERGY COMMISSION

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Registered Compliance Documentation for Newly Constructed Residential Buildings and Additions

Starting January 1, 2010, the 2008 Building Energy Efficiency Standards required all compliance documentation for newly constructed low-rise residential buildings requiring HERS verification and demonstrating compliance under the multiple orientation alternative to be registered. On October 1, 2010, this requirement was extended to all low-rise residential buildings requiring HERS field verification.

To ensure compliance with this regulation, please follow these guidelines for newly constructed dwellings and additions:

- Look for and review a registered Certificate(s) of Compliance (CF-1R) submitted with the building plans.
 A registered CF-1R will have a HERS Provider's watermark and a unique 12-digit registration number followed by 13 zeros located at the bottom of each page (see registration number guide and example registered CF-6R on the following pages).
- Look for and review an electronically signed and registered Installation Certificate(s) (CF-6R) posted by the installing contractor at the building site. The first 12 digits of its 21-digit registration number (followed by four zeros) will match the associated CF-1R's registration number.
- At final inspection, look for and review an electronically signed and registered Certificate(s) of Field
 Verification and Diagnostic Testing (CF-4R) posted at the building site by a certified HERS rater. The
 first 20 digits of its 25-digit registration number will match the associated CF-1R's registration number.
- At final inspection, verify that the work listed on the CF-1R has actually been completed and that the
 installed equipment matches what is listed on the CF-6R posted at the building site.
- You may verify that any registered compliance document is valid by searching for it on the appropriate HERS Provider's website using the document's registration number. If the submitted CF-1R, 6R, or 4R does not exactly match the version posted on the Provider's website, or if there is no electronic version available, its validity should be questioned.

To combat fraud, the California Energy Commission recommends that building department personnel use the HERS Providers' websites to perform random verification checks of registered compliance documents. (See HERS Providers' website information on back.)

Registration Number Guide

- N 0 O 0 O 7 3 3 2 1 B O 0 0 CE-1R Type CE-	CF-1R Type (N=new residential, A=alteration residential, D=addition residential) numeric (sequential 0 through 9) numeric (sequential 0 through 9) numeric (sequential 0 through 9)
N 0 0 0 7 3 2 1 B - M 2 9,999,999 numbers + 0	(Sequential 0 through 9) c (sequential 0 through 9) c (sequential 0 through 9) c (sequential 0 through 9)
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2 1 B - M 2	numeric (sequential 0 through 9)
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4 4 - 4 - 4	Revision Level (alpha only: A=first Issuance; then sequential B through Z)
2	
22.00	Ype (E=envelope, L=lighting, M=mechanical)
	CF-6R Type (first numeric digit eg "2" from the mech-21)
1	CF-6R Type (second numeric digit eg "1" from the mech-21)
0 ise 00	numeric (sequential 0 through 9)
0 99,99 CF-6F	numeric (sequential 0 through 9)
0 9 nun 000 fo	numeric (sequential 0 through 9)
5 nbers	numeric (sequential 0 through 9)
2	numeric (sequential 0 through 9)
D Revision	Revision Level (alpha only: A=first Issuance; then sequential B through Z)
92 5 3	
M CF	CF-4R Type (E=envelope, L=lighting, M=mechanical)
2 CF- use 00 -1R ar	CF-4R Type (first numeric digit eg "2" from the mech-21)
1 4R 000 fo	CF-4R Type (second numeric digit eg "1" from the mech-21)
c r -6R	Revision Level (alpha only: A=first Issuance; then sequential B through Z)

Note: Only capitalized alpha digits are used, to avoid confusion with the number Zero "0", the letter "O" is not used, and to avoid confusion with the number One "1", the letter "I" is not used.

HERS Providers

Approved for Newly Constructed Buildings, Alterations, and New Solar Homes Partnership Programs

CalCERTS - www.calcerts.com

Approved for Alterations Only

CBPCA - www.cbpca.org

Example Registered CF-6R from CalCERTS

INSTALLATION CERTIFICATE		CF-6R-ME	CH-20-HERS	
DuctLeakage Test – Completely New or Replacem	ent Duct System	((Page 1 of 2)	
Site Address: 20400 Via Sansovino, Northridge CA 91324 (System 1)	Enforcement Agency: County of Los Angeles	Permit Num 09010-2000		
Enter the Duct System Name or Identification/Tag: Sys	tem 1			
Enter the Duct System Location or Area Served: LIVIN	~		:0	
Note: Submit one Installation Certificate for each duct s dwelling.	ystem that must demonst	rate complian	ice in the	
This certificate is required for compliance for completely construction, and also for completely new or replacemed wellings, a completely new or replacement duct system system (e.g., register boots, air handler, coil, plenums, sealed.	nt duct systems in existina	dwellings. F	or existina	HERS
Ouct Leakage Diagnostic Test - completely new or replac	ement duct avatem			Provide
Enter a value for the Allowed Leakage (CFM) for the duct syste /LLDCS criteria or one of the three calculated leakage rates de	m leakage verification. The vi	alue entered m	iust De the	waterm
Verified Law Leakage Ducts in Conditioned Space (VLLD credit for verified law leakage ducts in conditioned space is sho CF-1R, the leakage to outside test method must be used to ver and 2S CFM must be entered for Allowed Leakage.	iwn in the special features sec	ction of the	Allowed Leakage (CFM)	waterin
calcul <mark>ations below. For example, if the user-specified leakage.</mark> sirepor <mark>ted on the CF-1R as 1%, then use ave<i>akage factor</i> of D.</mark>	DI in the calculations below.	an animy)	K	
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For more information, visit www.energy.ca.gov/title24 and www.energyvideos.com or call the Energy Standards Hotline at 1-800-772-3300